MINIBURST 128/256

PORTABLE LED VIDEO LIGHT SYSTEM

USER'S GUIDE

TABLE OF CONTENTS

About The MiniBurst 128/256 LED Lighting System 2

Package Contents 2

MiniBurst Controllers & Connectors 4

Charging the Battery 5

Operating Your MiniBurst Lighting System 6

Technical Data/Specifications 7

Cleaning Instructions 7

Troubleshooting 7

Safety Precautions & Warnings 8

Replacement Parts & Accessories 9

Limited Warranty 10

About the MiniBurst 128/256 LED Lighting System

Congratulations on your purchase of this Digital Juice Gear MiniBurst portable light-emitting diode (LED) lighting instrument. Please read these instructions carefully before using the unit. Follow the procedures described, in order to optimize the lifespan and functionality of the components of this Digital Juice Gear product.

Package Contents

Check to see that the following components are included in the packaging:

a. **12v AC Power Supply Adapter** *(1)*:
MiniBurst lights can be plugged directly into a standard AC outlet to power the unit for longer shoots.

b. **Battery Pack:**
This unit contains a 7.4v Sony NP-F type recharge-able Lithium Ion battery — 6000mAh pack for the MiniBurst 256 *(2)* or a 2100mAh pack for the MiniBurst 128 *(3)*

c. **Battery Charger Unit:**
Battery Dock *(4)*, A/C power cord *(5)*, 12V DC adapter *(6)*

When the charger is plugged into both the electrical outlet and the battery pack, a light *(7)* located on top of the battery dock will indicate the charging state of the battery.

Package Contents (continued)

d. **Hotshoe Swivel Mount:**
The hotshoe swivel mount *(8)* allows for easy mounting of the Digital Juice MiniBurst LED Light to the shoe mount on most still and video cameras.

e. **Diffusion/Warming Filters:**
The diffusion and warming filters mount easily to the front of the light by sliding into the provided channel built into the aluminum frame. The warming filter *(9)* is used to match the daylight balanced LED to warmer tungsten fixtures, while the diffusion filter *(10)* helps to soften and spread the light.

f. **Digital Juice Gear MiniBurst Light Fixture:**
Available in two sizes — the MiniBurst 128 *(11)* and the MiniBurst 256 *(12)*. Both MiniBurst lights have identical controls and connectors as described on the next page.

g. **Deluxe Carry Bag:**
Each MiniBurst light unit comes in an attractive deluxe carry bag *(13)* with integrated padded grip handle, detachable shoulder strap, padded velcro-attached dividers and a zippered mesh accessory pocket. The professional styling and lightweight protection this bag offers your new MiniBurst light is indispensable when shooting on location.

MiniBurst Controllers & Connectors

a. **Power Switch** *(14)*:
Turns the LED light on and off.

b. **DC Power In** *(15)*:
The 12v AC power supply adapter *(1)* connects to this port.

c. **Dimmer Knob** *(16)*:
Adjusts light output infinitely from 10% to 100%.

d. **Standard ¼"-20 Mounting & Accessory holes** *(17, 18)*:
There are two ¼"-20 mounting holes, one on the top of the light and one on the bottom. These holes allow for the lights to be mounted to a variety of industry-standard mounting platforms such as articulating arms, shoe mounts, mini clamps, tripods & more.

e. **Sony NP-F Battery Plate** *(19)*: This is where the included battery is mounted. The battery plate will also receive any number of Sony NP-F type OEM and aftermarket batteries, besides the one provided.

Charging the Battery

The battery supplied in the Digital Juice MiniBurst package is not completely charged on delivery. Depending on which model you have purchased, the battery must be charged for 2-4 hours before its first use. Beyond the initial charge, no additional battery conditioning is required.

a. Plug the battery pack into the charger unit.

b. Plug the charger into the electrical outlet using the AC power cord *(5)* or use the provided 12V DC adapter *(6)* to connect to a 12-volt power source.

c. While charging, the light *(7)* on the charging unit will show red. When the battery is fully charged, the light will be green and the charger will switch into maintenance mode.

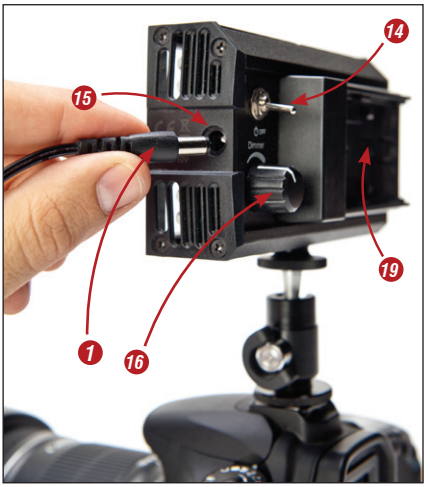
Operating Your MiniBurst Lighting System

a. Attach the LED light fixture to the desired mounting location using the included hotshoe swivel mount or any other ¼"-20 mounting accessory.

Caution: *When attaching any ¼"-20 threaded stud to the mounting and accessory holes on the MiniBurst light (17, 18), do not use excessive force, pliers or any other tools, as there is a limited depth available to accept the ¼"-20 threaded stud and you could cause damage to your light which would void your warranty.*

b. Attach the included battery pack *(2, 3)* to the battery plate *(19)* on the light. The MiniBurst light also accepts most SONY DV batteries: Sony NP-F Series, Sony FH-Series, and Sony FP-Series.

NOTE: *(The MiniBurst 128 requires a 2100 mAh battery while the MiniBurst 256 requires a 4000mAh battery or greater). Alternatively, you could plug the included AC power supply adapter (1) into the DC Power In (15) on the side of the light to power it.*



c. Power the light ON with the power switch *(14)*. The dimmer knob *(16)* can be used to control the intensity of the light. Turning the dimmer knob in a clockwise direction will increase the intensity and turning it counter-clockwise will decrease the intensity of its output.

d. Install the optional Warming *(9)* or Diffusion *(10)* filter (if needed). Slide the desired filter into the groove provided on the front of the light frame and secure it in place with gaffer's tape.

Technical Data/ Specifications

MODEL	128	256
Luminous Flux	520 LM	1050 LM
3 feet / 0.9 m	910 Lux	1800 Lux
6 feet / 1.8 m	230 Lux	450 Lux
9 feet / 2.7 m	104 Lux	220 Lux
LED Size	5 mm	5 mm
# LEDs	128	256
Life Span	>20,000h	>20,000h
Color Temp.	5600k	5600k
Color Rendering Index	>85	>85
Beam Angle	60°	60°
Stackable	Yes	Yes
Battery Type	Sony Li-ion	Sony Li-ion
Operating Voltage	6-10 V DC	6-10 V DC
Construction	Aluminum	Aluminum
Size HxWxD	2.75" x 4.75" x 1.81" 70 x 121 x 46mm	2.75" x 8.87" x 1.81" 70 x 225 x 46mm
Weight *(Battery Excluded)*	6.4 oz/181g	12.8 oz/363g
Weight *(Battery Included)*	9.6 oz/272g	1.4 lbs/635g

Cleaning Instructions

Care should be taken when cleaning your Digital Juice Gear MiniBurst light. Use a dry microfiber cleaning cloth to wipe dust from the housing and the LED lights. If your light becomes excessively dirty, you can use a lightly moistened microfiber cleaning cloth to wipe the aluminum housing, after first ensuring that the light is disconnected from any power source. Use of any chemical cleaning solution or detergent on the MicroBurst lights or accessories is not recommended.

Troubleshooting

PROBLEM
The unit is turned on, but the LED lights do not light up.

SOLUTIONS
- Make sure the light is properly connected to the battery or AC adapter.
- Charge the battery.

PROBLEM
Power to the charger is interrupted before the end of the charge cycle (such as due to a power outage).

SOLUTION
- As soon as the power has been been restored, the charge cycle will start again.

Safety Precautions & Warnings

a. To avoid the risk of permanent eye damage, do not look directly into the light or aim the light directly into another person's eyes.

b. The light and the battery must be used exclusively for the purpose described.

c. Under no circumstances should you open the housing of the charger or the light. Never take the devices apart or undertake modifications. Misuse of the battery can cause the battery to become hot, explode, or ignite and may cause serious injury. Make sure that the following safety precautions are expressly followed:

- Never open the battery charger or light units.
- Never make any changes/modifications to the battery charger or light.
- Do not expose the battery charger or light to fire or severe heat (over 158°F or 70°C).
- Do not short circuit (do not connect via a conductor or reverse polarity).
- Protect from fluids and damp environments.
- Do not use the device if damaged.
- Maintain storage and operational temperature of 32˚F - 95˚F (0° - 35°C).

d. Do not use the light or charger units if the housing or plugs are damaged.

e. If you determine that the charger, light, or battery is excessively hot, emits an odor, or changes color or shape, turn it off immediately and disconnect from any power source. The device should not be used again and should be immediately returned to Digital Juice.

f. Do not store within reach of children.

g. Use only the supplied AC adapter or a compatible Sony NP-F type battery to power your light.

h. Use only a 2000mAh or greater Sony NP-F type battery with the MiniBurst 128 and a 4000mAh or greater Sony NP-F type battery with the MiniBurst 256.

Replacement Parts & Accessories

The Digital Juice MiniBurst 128 and MiniBurst 256 lighting systems are designed to be maintenance free and there are no user-serviceable parts on the light fixtures or accessories. If your light becomes broken or damaged, please do not attempt to replace or repair the housing or any of the internal parts.

Replacement and additional compatible batteries as well as several mounting accessories compatible for use with the MiniBurst lights are all available on the website at www.digitaljuice.com

- The 11" DJ Gear Articulating Arm with Shoe Adapter *(20)*
- 7.4v Sony NP-F type rechargeable Lithium Ion battery packs — 6000mAh pack for the MiniBurst 256 *(21)* or a 2100mAh pack for the MiniBurst 128 *(22)*
- The DJ Gear Suction Mount Series Articulating Arm *(23)*

MiniBurst Limited Warranty

Digital Juice, Inc. warrants all Digital Juice Gear MiniBurst 128 & MiniBurst 256 LED Lights and accessories purchased new by original owner to be free from defects in the material and workmanship under normal use for a period of 12 months from the date of purchase. Warranty is void when misuse or neglect is the cause.

No other express warranty or guaranty, except as mentioned above, given by any person or entity with respect to the Digital Juice Gear MiniBurst 128 & MiniBurst 256 LED Lights shall bind Digital Juice, Inc. This warranty supersedes all other warranties expressed or implied. NO IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLY TO THE DIGITAL JUICE GEAR MINIBURST 128 OR 256 LED LIGHTS AND ARE HEREBY DISCLAIMED.

In the event of a possible warranty claim, the defective products must be returned to Digital Juice, Inc. If proven to be defective upon inspection, they will be exchanged for new or comparable rebuilt products, as determined by Digital Juice, Inc. and shipped back to the original purchaser. All shipping costs are the responsibility of the customer. Warranty replacement shall not extend the original warranty period of the defective Digital Juice Gear MiniBurst 128 or 256 LED Lights or accessories.

The customer's remedies with respect to defective Digital Juice Gear MiniBurst 128 or 256 LED Lights or accessories shall be exclusively limited to the repair or replacement remedy as above provided and in no event shall Digital Juice, Inc. be liable for loss of profits, revenues, savings, inconvenience, associated costs, expense for equipment or service, use of capital, facilities, services, storage charges, damage to property, or any other special, incidental or consequential damages caused by the use or misuse of, or inability to use, the Digital Juice Gear MiniBurst 128 or 256 LED Lights or accessories, regardless of the legal theory on which the claim is based, and even if Digital Juice, Inc. has been advised of such damages. In no event shall recovery of any kind against Digital Juice, Inc. be greater in amount than the purchase price of the Digital Juice product sold by Digital Juice, Inc. and causing the alleged damage.

MiniBurst Limited Warranty (continued)

Without limiting the foregoing, the purchaser assumes all risk and liability for loss, damage or injury to persons, animals or property arising out of use or misuse of, or inability to use the Digital Juice Gear MiniBurst 128 or 256 LED Lights or accessories. Digital Juice, Inc. is not liable for third party claims. This limited warranty shall not extend to anyone other than the original purchaser of the Digital Juice product, or the person for whom it was purchased as a gift, and states your exclusive remedy. In no event shall Digital Juice, Inc. be liable for incidental or consequential damages to the full extent such may be disclaimed by law.

Unless otherwise noted this warranty agreement is the only warranty agreement between the parties. This agreement states the limits and association of risk between the two parties. By use of the Digital Juice Gear MiniBurst 128 or 256 LED Lights or accessories the customer acknowledges understanding of this warranty and agreement and binding to the terms contained within.

www.digitaljuice.com